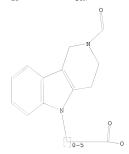
L1 STRUCTURE UPLOADED

=> d 11 L1 HAS NO ANSWERS L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11 SAMPLE SEARCH INITIATED 14:02:17 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 73 TO ITERATE

100.0% PROCESSED 73 ITERATIONS SEARCH TIME: 00.00.01

8 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 948 TO 1972
PROJECTED ANSWERS: 8 TO 329

L2 8 SEA SSS SAM L1

=> s 11 ful FULL SEARCH INITIATED 14:02:22 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 1419 TO ITERATE

100.0% PROCESSED 1419 ITERATIONS 191 ANSWERS SEARCH TIME: 00.00.01

L3 191 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 185.88 186.10

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:02:26 ON 04 DEC 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 4 Dec 2009 VOL 151 ISS 24
FILE LAST UPDATED: 3 Dec 2009 (20091203/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13 L4

8 L3

=> d abs fbib fhitstr 1-8

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN GI

antagonists and useful in the treatment of various diseases. Compds. of formula I wherein R1 is H and (un)substituted alky1; R2-R4 are independently H, alkoxy, alkylthio, alkyl, halo, CF3 and CN; G is (un) substituted -CH2NH- and derivs. and (un) substituted -NHCH2 and derivs.; R8-R11 are independently H and (un)substituted alkyl; R14 and R15 are independently H and halogen; L is -CH2O-, -CH2CH2-, -CH=CH- and a bond; B is (hetero)aryl and cycloalkyl; with the proviso that, when L is a direct bond, B cannot be unsubstituted heteroaryl or heteroaryl monosubstituted with fluorine; are claimed. Example compound II-HCl was prepared via cyclization of 3-bromophenylhydrazine with N-Boc-4-oxopiperidine; the resulting tert-Bu 7-bromo-3, 4-dihydro-1H-pyrido[4,3-b]indole-2(5H)-carboxylate underwent N-methylation to give tert-Bu 7-bromo-5-methyl-3,4-dihydro-1H-pyrido[4,3b]indole-2(5H)-carboxylate, which underwent condensation with 4-benzyloxypyridin-2(1H)-one to give tert-Bu 7-[4-benzyloxy-2-oxopyridin-1(2H)-y1]-5-methyl-3,4-dihydro-1H-pyrido[4,3b]indole-2(5H)-carboxylate, which underwent hydrolysis to give II. HCl. All the invention compds. were evaluated for their MCH1 antagonistic activity. From the assay, it was determined that the tested compds. exhibited the Ki values of $\leq 3.5 \mu M$.

TT

The invention relates to pyridoindole derivs. of formula I, which are MCH

I

ΑN 2009:855442 CAPLUS DN 151:173472

- ΤI Pyridoindole derivatives as MCH antagonists and their preparation, pharmaceutical compositions and use in the treatment of diseases
- IN Guzzo, Peter; Surman, Matthew David; Henderson, Alan John; Jiang, May Xiaowu; Hadden, Mark; Grabowski, James
- PA Albany Molecular Research, Inc., USA
- SO PCT Int. Appl., 311pp.

AB

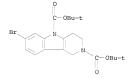
CODEN: PIXXD2

DT Patent LA English

FAN.CNT 1

	PATENT I	.00			KIN	D	DATE			APPL						ATE	
PI	WO 2009	08948	32		A1	-	2009	0716									
	W:						AT, CU,										
							GM, KZ,										
		ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,
							SC, UA,									SY,	TJ,
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,		
							LV,										
							KE,					SD,	SL,	SZ,	TZ,	UG,	ZM,
		J,	,	,	21,	,	,	,		US 2	008-					0080	
	US 2009	02755	590		A1		2009	1105		US 2						0080	
										US 2						0800	
										00 2	000-	100/	/ L			0000	143

- OS MARPAT 151:173472
- IT 1173158-34-3P
 - RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 - (intermediate; preparation of pyridoindole derivs. as MCH antagonists useful in the treatment of diseases)
- RN 1173158-34-3 CAPLUS
- CN 1H-Pyrido[4,3-b]indole-2,5-dicarboxylic acid, 7-bromo-3,4-dihydro-, 2,5-bis(1,1-dimethylethyl) ester (CA INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN GI

The invention relates to compds. of formula I for treating diseases AB associated with cysteine protease activity. The compds. are reversible inhibitors of cysteine proteases, including cathepsins. Of particular interest are diseases associated with cathepsin K. Compds. of formula I wherein ring A is (un)substituted 5- to 7-membered (hetero)aliphatic ring; R is H and C1-6 alkvl; R1R2 taken together with N atom to which they are attached form a (un)substituted (mono/bi/tri)cvclic 5- to 7-membered (un)saturated heterocyclic ring system; and pharmaceutically acceptable salts thereof are claimed. Example compound II was prepared by a general procedure (procedure given). All the invention compds. were evaluated for their Cat K inhibitory activity. From the assay, it was determined that the example compound II exhibited pIC50 value 9.071.

AN 2009:4197 CAPLUS

DN 150:98296

TΙ Cyanocyclopropylcarboxamides as cathepsin inhibitors and their preparation and use in the treatment of diseases

IN Dossetter, Alexander Graham; Heron, Nicola Murdoch

Astrazeneca AB, Swed.; Astrazeneca UK Limited PA

so PCT Int. Appl., 98pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.	CNT 1																
	PATENT	NO.			KIN	D	DATE			APPL	ICAT	ION	NO.		D.	ATE	
						_									-		
PI	WO 2009	00112	29		A1		2008	1231		WO 2	008-	GB50	486		2	0080	624
	W:	ΑE,	AG,	AL,	AM,	AO,	ΑT,	AU,	ΑZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,
		CA,	CH,	CN,	co,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FI,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,
		KG,	KM,	KN,	KP,	KR,	KZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	ΝI,	NO,	NZ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ТJ,	TM,
		TN,	TR,	ΤT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW			
	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,
		IE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,
							LS,				SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,
		AM,	ΑZ,	BY,	KG,	ΚZ,	MD,	RU,									
										US 2						0070	
										US 2				1		0800	
	US 2009	0012	077		A1		2009	0108		US 2						0080	
										US 2	007-	9461	78P	1	P 2	0070	626

IIS 2008-42840P P 20080407

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 150:98296

T 1095263-46-9P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(drug candidate and intermediate; preparation of cyanocyclopropylcarboxamides as cathepsin inhibitors useful in treatment of diseases)

RN 1095263-46-9 CAPLUS

CN 5H-Pyrido[4,3-b]indole-5-acetic acid,

2-[[(1R,2R)-2-[[(1-cyanocyclopropy1)amino]carbony1]cyclohexy1]carbony1]-1,2,3,4-tetrahydro-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

$$\begin{array}{c} R1 \\ N \\ N + CH2 + X \\ R3 \end{array}$$

AB Novel substituted 2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indoles I (1.1-1.3;

Rl = H, Cl-5 alkyl, e-alkoxycarbonylalkyl, R3 = H, halo, Cl-3 alkyl, fluoroalkyl, preferably R3 = H, CF3, F, Me, alkoxycarbonyl, X = alkoxycarbonyl, aryl; n = 1-4, preferably n = 1, 2) were prepared by addition of 5-unsubstituted I to acrylates, by reductive amination of aldehydes RICHO by 2-unsubstituted I, Fischer cyclization of arylhydrazines with 4-piperidinones and benzylation of I in 5-position. In an example, reaction of 2-Bec-protected 2,3,4,5-tetrahydro-HH-pyrido[4,3-b]indole with Et bromoacetate yielded I (R1 = Boc, R3 = H, X = CO2Et, n = 1), which was deprotected and alkylated in 2-position by MeI giving I (R1 = Me, R3 = H, X = CO2Et, n = 1). In another example, inhibition of H1-histamine receptor by compds. I was evaluated, the ECSO values varying in a range 0.05-10 μ M. Preparation of pharmaceutically acceptable salts and/or hydrates of the compds. I is also claimed.

AN 2008:1155905 CAPLUS

DN 149:378711

TI Substituted 2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indoles as novel antihistaminic agents and processes for preparation thereof

IN Ivashchenko, Andrey Alexandrovich; Ivashchenko, Alexander Vasilievich; Tkachenko, Sergey Yevgenievich; Okun, Ilya Matusovich; Savchuk, Nikolay Filippovich; Mitkin, Oleg Dmitrievich; Kravchenko, Dmitri Vladimirovich PA Alla Chem, LLC, USA

SO PCT Int. Appl., 73pp.

CODEN: PIXXD2

T Patent

LA Russian

FAN.CNT 1

PAN.	PAT	ENT I				KIN	D	DATE			APPL	ICAT	ION I	NO.		D	ATE	
PI	WO :	2008	1150	98		A2 A3		2008			WO 2	008-	RU16	9		2	080	321
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			ME, PL,	MG, PT,	MK, RO,	MN, RS,	MW, SC,	KZ, MX, SD, US,	MY, SE,	MZ, SG,	NA, SK,	NG, SL,	NI, SM,	NO, SV,	NZ,	OM,	PG,	PH,
		RW:	AT, IE, TR,	BE, IS, BF,	BG, IT, BJ,	CH, LT, CF,	CY, LU, CG,	CZ, LV, CI, LS,	DE, MC, CM,	DK, MT, GA,	EE, NL, GN,	ES, NO, GQ,	FI, PL, GW,	FR, PT, ML,	RO, MR,	SE, NE,	SI, SN,	SK, TD,
		2338	745	·	·	KG, C1		MD,	·		TM, RU 2 RU 2	007-	1103	79	1	A 2	0070: 0070:	

OS MARPAT 149:378711

IT 866459-02-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of substituted 2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indoles as antihistamines for treatment of allergic and autoimmune conditions)

RN 866459-02-1 CAPLUS

CN 5H-Pvrido[4,3-b]indole-5-acetic acid,

2-[(1,1-dimethylethoxy)carbonyl]-1,2,3,4-tetrahydro-, ethyl ester (CA INDEX NAME)

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN $\mbox{\rm GI}$

- AB Title compds. I [wherein Rl = carbonyl, carbonylamino, ureido, etc.; R2 = H, alkyl, alkylsulfonyl, etc.; R3 = heterocycloakyl, (un)substituted alkyl, alkylsarbonyl, etc.] and pharmaceutically acceptable salts, diastereomers, enantiomers or mixts. thereof were prepared as ligands of CB1 receptors. For instance, cyclocondensation of 4-hydrazinobenzoic acid hydrochloride with 4-piperidinone monohydrate hydrochloride followed by N-protection with Boc2O gave tetrahydropyrido(1,3-b]indole II in 48.7% yield (two steps). Chemical manipulation on the carboxy and two amine functional groups led to a lot of I, such as III. I were found to be active towards human CB1 receptors (no data). Therefore, the invented compds. and their pharmaceutical compns. are useful for the management of pain and so on.
- AN 2006:1011257 CAPLUS
- DN 145:377318

TI Preparation of 2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indole derivatives as CB1 receptor ligands for the treatment of pain and other diseases

- IN Cheng, Yun-Xing; Tomaszewski, Miroslaw
- PA Astrazeneca AB, Swed.
- SO PCT Int. Appl., 267pp. CODEN: PIXXD2
- DT Patent
- LA English

FAN.CNT 1

	PATEN:	NO.			KIN						ICAT					ATE	
PI	WO 200															0060	317
	W	AE,															
			co,														
			GH,														
			LC,														
			NA,														
			SK,				10,	111,	IN,	IK,	11,	12,	UA,	UG,	05,	υ2,	vc,
	DI		YU,				CF	DE	DV	22	EC	ET	ED	CD	CD	1111	TE
	P()	: AT,	IT,														
			CG,														
			KE,														
			KZ,					55,	01,	55,	12,	00,	2117	2117	11117	,	DI,
		1.07	,	112,	,	10,				SE 2	005-	654			A 2	0050	322
	EP 186	3810			A1		2007	1212								0060	
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		IS,	IT,	LI,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR	
											005-						
										WO 2	006- 008-	SE33	9	1	71 2	0060	
	JP 200	085344	96		Т		2008	0828		JP 2	008-	5029	44		2	0060	
											005-						
	01. 10.	12020						0503			006-					0060	
	CN 10:	11/5/5	4		A		∠008	0507		CN 2	006-	800T	6809		. 2	0071	
											005- 006-					0050 0060	
										WU Z	000-	2522	9		n 2	0000	21/

OS CASREACT 145:377318; MARPAT 145:377318

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of tetrahydropyridoindoles as CB1 receptor ligands for the treatment of pain and other diseases)

- RN 910799-67-6 CAPLUS
- CN 5H-Pyrido[4,3-b]indole-5-acetic acid,

2-[(1,1-dimethylethoxy)carbonyl]-1,2,3,4-tetrahydro-8-[(4-methyl-1-piperidinyl)carbonyl]-, ethyl ester (CA INDEX NAME)

IT 910799-67-6P

osc.G THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS) RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

$$R^{1}$$
 R^{2}
 R^{3}
 R^{4}
 CO_{2H}
 II
 CO_{2H}
 II

Title compds. I [wherein R1 - R4 = H, alkyl, alkoxy, halo, etc.; R5 = substituted alkyl, carbonyl or (thio)carbamoyl; with two exclusions, or stereoisomers, mixts. and salts thereof] were prepared as CRTH2 receptor antagonists. The tetrahydropyridoindole skeletons in I were synthesized from phenylhydrazines and 4-piperidone monohydrate hydrochloride using Fischer's method. For instance, II, which had IC50 values of 0.015 μM and 0.174 µM for CRTH2 receptors in the binding and intracellular calcium mobilization assays, resp., was provided. Therefore, I and their pharmaceutical compns. are useful for the prevention or treatment of prostaglandin-mediated diseases, such as allergic and immune disorders. AN 2005:1103778 CAPLUS

DN 143:367289

Preparation of tetrahydropyridoindole derivatives as CRTH2 receptor antagonists for the treatment of prostaglandin-mediated diseases

Fretz, Heinz; Fecher, Anja; Hilpert, Kurt; Riederer, Markus IN

PA Actelion Pharmaceuticals Ltd, Switz.

PCT Int. Appl., 90 pp.

CODEN: PIXXD2

Patent

LA English FAN.CNT 1

E MIN.	PA:	rent :				KIN	D	DATE			APF	LICA	ΛTΙ	ON I	NO.		D	ATE		
PI		2005 W:	0953 AE, CN, GE, LK, NO, SY, BW, AZ, EE,	97 AG, CO, GH, LR, NZ, TJ, GH, BY, SE,	AL, CR, GM, LS, OM, TM, GM, KG, FI, SI,	A1 AM, CU, HR, LT, PG, TN, KE, KZ, FR,	AT, CZ, HU, LU, PH, TR, LS, MD, GB, TR,	2005 AU, DE, ID, LV, PL, TT, MW, RU, GR, BF,	AZ, DK, IL, MA, PT, TZ, MZ, TJ,	BA, DM, IN, MD, RO, UA, NA, TM, IE, CF,	WO BE DZ IS MG RU UG SE AT IS	2005 , EG, JE , ME , ME , SG, US , SI , SI , BE , CI	5-E 3, 0, 0, 1, 1, 1,	P23 BR, EE, MN, SD, UZ, SZ, BG, LT, CM,	BW, EG, KG, MW, SE, VC, TZ, CH, LU, GA,	BY, ES, KP, MX, SG, VN, UG, CY, MC, GN,	BZ, FI, KR, MZ, SK, YU, ZM, CZ, NL, GQ,	CA, GB, KZ, NA, SL, ZA, ZW, DE, PL, GW,	CH, GD, LC, NI, SM, ZM, AM, DK, PT, ML,	ZW
	AU	2005	2293	56		A1		2005	1013		AU WO	2004 2005 2004	5-2 1-E	293 P24	56		A 2 A 2 W 2	0050	307	
	CA	2558	509			A1		2005	1013		CA WO	2005 2005 2004 2005	5-2 1-E 5-E	558 P24 P23	509 93 62		W 2 A 2 W 2	0050 0050 0040 0050	307 307 311 307	
		1725 1725 R:	553 AT,				CY,	2006 2008 CZ, MC,	0507 DE,	DK, PL,	EP EE PI WO	2005 , ES , RO 2004	5-7 5, 0, 1-E	157 FI, SE, P24	79 FR, SI, 93	GB, SK,	GR, TR, A 2	0050 HU, HR, 0040	307 IE, LV 311	
	CN	1930	162			A		2007	0314		CN WO	2005	5-8 1-E	000 P24	62 7699 93		W 2 A 2 W 2	0050 0050 0040	307 307 311	
	JP JP	2007 4051	5262 398	76		T B2		2007 2008	0913 0220		JP	200	7-5	012	38		W 2 2 A 2	0050	307	
	BR	2005	0085	40		A		2007	0918		WO BR WO	2005 2005 2004	5-E 5-8 1-E	P23 540 P24	62		W 2	0050 0050	307 307	
	AT	3943	99			T		2008	0515		ΑT	2005 2005 2004	5-7	157	79		W 2 A 2	0050	307	
		2304				Т3		2008			ES WO	2005	5-7 1-E	157 P24	79 93		2 A 2	0050 0040	307 311	
		2007 8087		70		A B1		2007 2008			EP WO	2004	1-2 1-E	493 P24	93		W 2 A 2	0040	311 311	
	MX	2006	0103	56		A		2006	1110		MX WO	2005 2006 2004 2005	5-1 1-E	035 P24	6 93		W 2 A 2 W 2	0060 0040	911 311	
	US	2007	0191	416		A1		2007	0816		WO	2004 2004 2005	1-E	P24	77 93 62		A 2 W 2	0060 0040 0050	911 311 307	
	ИО	2006	0045	84		A		2006	1010		NΙΟ	2006	5_4	594	93		2 A 2	0061 0040	010 311	

				WO	2005-EP2362	W	20050307
ZA	2006008446	A	20080625	ZA	2006-8446		20061010
				WO	2004-EP2493	A	20040311
IN	2006CN03768	A	20070622	IN	2006-CN3768		20061011
				WO	2004-EP2493	A	20040311
				WO	2005-EP2362	Te7	20050307

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 143:367289; MARPAT 143:367289

IT 168824-93-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(antagonist; preparation of tetrahydropyridoindole derivs. as CRTH2 receptor antagonists)

RN 168824-93-9 CAPLUS

CN 5H-Pyrido[4,3-b]indole-5-acetic acid,

2-[(1,1-dimethylethoxy)carbonyl]-1,2,3,4-tetrahydro- (CA INDEX NAME)

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN GI

AB The title compds. I [wherein Z3 = N or CR7; R4-R7 = independently H, halo, haloalkyl, CO2H, alkoxycarbonyl, (un)substituted alkyl, alkenyl, cycloalkyl, aryl, or aralkyl; R1 = CO2H, alkoxycarbonyl, (un)substituted aminocarbonyl, or tetrazolyl; Z4 = N or CR8; R8 = H, alkyl, or halo; R2 =

H or alkyl; R3 = -(CH2)n-N(Y)-SO2-Ar, etc.; n = 1-3; Y = H, alkyl, alkenyl, alkynyl, (un)substituted aryl, aralkyl, heteroarylalkyl, or arylalkenyl; Ar = (un)substituted aryl or heteroaryl] and prodrugs, pharmaceutically acceptable salts, or solvates thereof are prepared as CRTH2 receptor antagonists, and are useful for the treatment of allergic diseases (no data). For example, the compound II was prepared in a multi-step synthesis. II showed ICSO of 0.0036 µM against human CRTHZ receptor. Formulations containing I as an active ingredient were also described.

AN 2003:931327 CAPLUS

AN 2003:93132 DN 140:4959

TI Preparation of indole derivatives as PGD2 receptor antagonists

IN Tanimoto, Norihiko; Hiramatsu, Yoshiharu; Mitsumori, Susumu; Inagaki, Masanao

PA Shionogi & Co., Ltd., Japan SO PCT Int. Appl., 150 pp.

CODEN: PIXXD2

DT Patent LA Japanese

LA Japanese

E MIN.																	
	PAT	TENT I	MO.			KIN		DATE			LICAT					ATE	
PT	140	2002	0075					2002	1127		2003-					20020	E1E
E I	WO																
		W:									BG,						
											, EE,						
											, KG,						
											, MX,						
											, SL,	ТJ,	TM,	TN,	TR,	TT,	TZ,
											1, ZW						
		RW:									, TZ,						
											, CH,						
											, NL,						
			BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,), GW,						
											2002-						
	ΑU	2003	2315	09		A1		2003	1202	AU	2003-	2315	09		2	20030	515
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	EP										2003-					20030	
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			ΙE,	SI,	LT,	LV,	FI,	RO,	MK,		, TR,						
											2002-						
										WO	2003-	JP60	76	1	vi 2	:0030	515
		2005						2005	0804	US	2004-	5143	17		2	0041	115
	US	7534	897			B2		2009	0519								
											2002-						
										WO	2003-	JP60	76	1	W 2	:0030	515
	US	2009	0258	922		A1		2009	1015	US	2009-	4135	03		2	0090	327
											2002-						
										WO	2003-	JP60	76	1	W 2	0030	515
										US	2004-	5143	17	- 2	A3 2	20041	115

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OS MARPAT 140:4959

OS MARPAT 140:4959 IT 627867-83-8P

RI: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of indole derivs. as PGD2 receptor antagonists)

- RN 627867-83-8 CAPLUS
- CN 5H-Pvrido[4,3-b]indole-5-acetic acid,
 - 2-(ethoxycarbonyl)-8-[[(4-fluorophenyl)sulfonyl]amino]-1,2,3,4-tetrahydro-(CA INDEX NAME)

OSC.G 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (30 CITINGS) RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

- L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN
- AB Pseudopeptides X-Y-Z (X = arginine or lysine residue, Y is a hydrophobic organic moiety having a nitrogen atom at the X-Y junction and a carbonyl group at the Y-Z junction, Z is an arrangement of atoms which inherently adopts a beta turn conformation and has a pos. charge near the distal end) were prepared as brandykinin receptor antagonists. Thus, H-D-Arg-Arg-MH-p-C6H4N(COP) CRECONHCHZ-O-C6H4G(COP) CRECONHCHZ-O-C6H4G(COP)

H-D-Arg-NH-p-C6H4N(COPh)CH2CONHCH2-o-C6H4CH:CHCH:CHCO-Arg-OH was prepared and showed Ki = 36 nM for binding of the human B2 bradykinin

- receptor.
 AN 1998:650062 CAPLUS
- DN 129:290436
- OREF 129:59199a,59202a
- TI Pseudo- and non-peptide bradykinin receptor antagonists
- IN Kyle, Donald James; Mavunkel, Babu Joseph; Chakravarty, Sarjavit; Lu, Zhijian
- PA Scios Inc., USA
 - U.S., 40 pp., Cont.-in-part of U.S. Ser. No. 353,426, abandoned. CODEN: USXXAM
- DT Patent

SO

LA English

FAN	CNT 7 PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
	WO. COARDS C		10001006			40050000
PI	US 5817756	A	19981006	US 1995-401595		19950309
				US 1993-118550		19930909
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				US 1993-118981	A2	19930909
				US 1993-119341	B2	19930909
				US 1994-281904	A2	19940728
				US 1994-281906	B2	19940728
				US 1994-281907	A2	19940728
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				US 1994-353426	B2	19941209
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				US 1992-957879	A2	19921008

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											US	19	93-	119	341		A	19	9309	309	
											US	19	94-	281	904		Α	19	940	728	
											US	19	94-	281	906		A	19	940	728	
											US	19	94-	281	907		Α	19	940	728	
											US	19	94-	281	908		Α	19	940	728	
	WO	95072	94			A1		1995	0316		WU	13	,94-	USI	U120			12	7940:	909	
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											US	19	94-	281	907		A	19	940	/28	
						_					US	19	94-	281	908		A2	19	940	/28	
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	JP 11500100	T	19990106	WO 1994-US10128 JP 1994-508795	W 19940909 19940909	
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				US 1993-118558	A 19930909	
				US 1993-118981	A 19930909	
				US 1994-281904	A 19940728	
				US 1994-281906	A 19940728	
				US 1994-281907	A 19940728	
				US 1994-281908	A 19940728	
				US 1994-119341	A 19940909	
				WO 1994-US10128	W 19940909	
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				US 1993-118550	A 19930909	
				US 1993-118558	A 19930909	
				US 1993-118981	A 19930909	
				US 1993-119341	A 19930909	
				US 1994-281904	A 19940728	
				US 1994-281906	A 19940728	
				US 1994-281907	A 19940728	
				US 1994-281908	A 19940728	
				WO 1994-US10128	W 19940909	
	ES 2148347	Т3	20001016	ES 1994-929158	19940909	
				US 1993-118550	A 19930909	
				US 1993-118558	A 19930909	
				US 1993-118981	A 19930909	
				US 1993-119341	A 19930909	
				US 1994-281906	A 19940728	
				US 1994-281907	A 19940728	
				US 1994-281908	A 19940728	
	US 5817756	A	19981006	US 1995-401595	19950309	
				US 1993-118550	A2 19930909	
				US 1993-118558	B2 19930909	
				US 1993-118981	A2 19930909	
				US 1993-119341	B2 19930909	
				US 1994-281904	A2 19940728	
				US 1994-281906	B2 19940728	
				US 1994-281907	A2 19940728	
				US 1994-281908	B2 19940728	
	HC EC10110		10070711	US 1994-353426	B2 19941209	
	US 5610142	A	19970311	US 1995-416524	19950403	
				US 1992-957879	A2 19921008	
F12.11	1005-046503			US 1993-118558	B1 19930909	
FAN	1995:846507 PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 9507294 W: CA, JP, U	A1	19950316	WO 1994-US10128	19940909	
			, ES, FR, G	B, GR, IE, IT, LU, MC	, NL, PT, SE	

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						US 1993-118558		19930909	
						US 1993-118981	A	19930909	
						US 1993-119341	A	19930909	
						US 1994-281904	A	19940728	
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						US 1994-281908		19940728	
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	0.5	3341200		A	19900730	US 1994-261907	7.2	19940728	
						US 1993-118981	3.2	19930909	
	***	FEREFEE			100011111	05 1993-118981			
	US	5686565		A	19971111			19940728	
						US 1992-957879		19921008	
						US 1993-118550	A2	19930909	
	EP	716661		A1	19960619	EP 1994-929158		19940909	
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						US 1993-118550 US 1993-118558	A	19930909	
						US 1993-118981	A	19930909	
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						US 1994-281904	A	19940728	
						US 1994-281906	A	19940728	
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						US 1993-118981 US 1993-119341 US 1994-281904 US 1994-281906 US 1994-281907 US 1994-281908 WO 1994-US10128	A	19940728	
						WO 1994-US10128	W	19940909	
	JP	11500100		T	19990106	JP 1994-508795		19940909	
						IIS 1993-118550		19930909	
						US 1993-118550 US 1993-118558	A	19930909 19930909	
						IIS 1993-118981		19930909	
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						US 1994-281907	7	19940728	
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						US 1994-281908 US 1994-119341	7	19940909	
						WO 1994-US10128	FA.	19940909	
	3 T	191486		-	20000415	AT 1994-0510128		19940909	
	AI	191486		1	20000415			19940909	
						US 1993-118550 US 1993-118558	A	19930909	
						05 1993-118558	A	19930909	
						US 1993-118981 US 1993-119341	A	19930909	
						US 1993-119341	A	19930909	
						US 1994-281904	A	19940728	
						US 1994-281906	A	19940728	
						US 1994-281907	A	19940728	
						US 1994-281906 US 1994-281907 US 1994-281908 WO 1994-US10128	A	19940728	
						WO 1994-US10128	W	19940909	
	US	5610142		A	19970311	US 1995-416524		19950403	
						US 1992-957879 US 1993-118558	A2	19921008	
						US 1993-118558	B1	19930909	
I		6:494750							
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FAN

PI	US	5541286			A	19960730	US	1994-281907		19940728	
							US	1992-957879	A2	19921008	
							US	1993-118981	A2	19930909	
	IIS	5521158			A	19960528	IIS	1992-957879		19921008	
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	US 5521158	A	19960528	US 1992-957879	nz	19921008
	US 5686565	A	19971111	US 1994-281904		19940728
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				US 1993-118550	A2	19930909
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				US 1993-118558 US 1993-118981		19930909 19930909
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				US 1994-281904		19940728
				US 1994-281906		19940728
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											1994-US10128	W	19940909	
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											1993-118981		19930909	
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	ES	2148	347			Т3		2000	1016	ES	1994-929158		19940909	
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	US	5817	756			A		1998	1006		1995-401595		19950309	
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	US	5610	142			A		1997	0311		1995-416524		19950403	
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		ENT				KIN	D	DATE		API	PLICATION NO.		DATE	
DT							-	1007	1111		1994-281904			
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WO	9507294	TD	***	A1	19950316	WO 1994-US10128		19940909	
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				WO	1994-US10128	W	19940909
US	5817756	A	19981006	US	1995-401595		19950309
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				US	1993-118558	B2	19930909
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				US	1994-281907	A2	19940728
				US	1994-281908	B2	19940728
				US	1994-353426	B2	19941209
US	5610142	A	19970311	US	1995-416524		19950403
				US	1992-957879	A2	19921008
				HS	1993-118558	B1	19930909

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 129:290436

IT 168824-92-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pseudo- and non-peptide bradykinin receptor antagonists) 168824-92-8 CAPLUS RN

CN

5H-Pyrido[4,3-b]indole-5-acetic acid,

2-(ethoxycarbonyl)-1,2,3,4-tetrahydro-, methyl ester (CA INDEX NAME)

THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS) RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

- * STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY AVAILABLE VIA OFFLINE PRINT *
- Peptide derivs. X-Y-Z [X = a moiety having a net pos. charge selected from a pos. charged amino acid and an organic group; Y = a hydrophobic organic moietv

(e.g. Q - Q3) having the following characteristics: (a) a N junction at the X-Y junction, (b) a CO group at the Y-Z junction, (c) the hydrophobic organic moiety between the N atom and the CO group which is selected from a

carbocyclic, a heterocyclic, and a linear organic moiety, (d) an atomic group

the range of 135-300 Å, (e) an allowed conformation such that an end-to-end distance between the flanking N and CO atoms is .apprx.5.0±1.5 Å, and (f) provided that Y cannot consist of naturally occurring amino acids; Z = an arrangement of atoms which inherently adopt a B-turn conformation and has a pos. charge near the distal end are prepared ABS wherein many (or all) of the peptide bonds of bradykinin are eliminated to yield compds, having, in appropriate spatial arrangement, two pos. charged moieties flanking a hydrophobic organic moiety and a moiety which mimics a beta turn conformation, and having the ability to specifically compete with native bradykinin for binding to the bradykinin B2 receptor. A pharmaceutical preparation for treating local pain and inflammation form burns, wounds, cuts, rashes, or other trauma, pathol. conditions caused by the production of bradykinin or related kinins, and in particular chronic inflammatory hyperalgesia contains an effective amount of the said peptide to antagonize bradykinin and a suitable pharmaceutical carrier. Thus, title peptides. (I; Tic = tetrahydroisoguinoline-3-carboxylic acid, Oic = (2S, 3aS, 7aS) -octahydro-1H-indole-2-carboxylic acid), (II), and H-D-Arg-Arg-X[c-C6H11]-CH2CO-Ser-D-Tic-Oic-Arg-OH were manually synthesized by the standard solid phase method using Boc-Arg(Tos)-PAM resin and, in a radioligand binding assay, showed competitive binding to the human bradykinin B2 receptor against tritiated 3[H]NPC17731 (a bradykinin analog).

AN 1995:846507 CAPLUS

DN 123:257408

OREF 123:46063a,46066a

TII Preparation of peptide compounds as pseudo- and non-peptide bradykinin receptor antagonists

IN Kyle, Donald James; Mavunkel, Babu Joseph; Lu, Zhijian

PA Scios Nova Inc., USA

SO PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DT Patent

LA English

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PI	WO 9507294 W: CA, JP, US	A1	19950316	WO 1994-US10128	19940909
		DE, DK	, ES, FR,	GB, GR, IE, IT, LU, 1 US 1993-118550 US 1993-118558 US 1993-118981 US 1993-119341 US 1994-281904 US 1994-281906	A 19930909 A 19930909 A 19930909 A 19930909 A 19940728 A 19940728
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	US 5552383	A	19960903	US 1993-118550 US 1992-957879	19930909 A2 19921008
	US 5541286	A	19960730	US 1994-281907 US 1992-957879	19940728 A2 19921008

	US	5686565					19971111		US	1993-118981 1994-281904 1992-957879 1993-118550 1994-929158			19930909 19940728 19921008 19930909	
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									US	1994-281906		A	19940728	
									US	1994-281906 1994-281907 1994-281908		A	19940728	
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	US	5610142			A		199/0311		US	1995-416524		3.0	19950403	
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	US	5521158			A		19960528		US	1992-957879			19921008	
	US	5610142			A		19970311		US	1995-416524			19950403	
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US 5521158 US 5541286 CA 2171446	A A	19960528 19960730 19950316	US 1992-957879 US 1994-281907 US 1992-957879 US 1993-118981 CA 1994-2171446	199 A2 199 A2 199	
CA 2171446	Ċ	20041123	US 1993-118550 US 1993-118558 US 1993-118981 US 1993-119341 US 1994-281904 US 1994-281906	A 1999 A 1999 A 1999 A 1999 A 1999	30909 30909 30909 30909 40728
WO 9507294 W: CA,			US 1994-281907 US 1994-281908 WO 1994-US10128	A 199 A 199 199	40728 40728 40909
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									WO	1994-US	10128	W		19940909	
	ES	2148347			Т3		20001016	,	ES	1994-92	9158			19940909	
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									US	1993-11	8558	A		19930909	
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										1992-95				19921008	
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										1993-11				19930909	
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	US 5521158	A	19960528	US 1992-957879	nz	19921008
	US 5686565	A	19971111	US 1994-281904		19940728
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CA 2171446 CA 2171446		US 1992-9578 US 1993-1185 US 1993-1185 US 1993-1185 US 1993-1185 US 1993-1189 US 1993-1189 US 1994-2819 US 1994-2819	50 A2 19930909 4446 19940909 50 A 19930909 58 A 19930909 41 A 19930909 04 A 199407/28 06 A 199407/28
WO 9507294 W: CA, JP, US	A1 1995	US 1994-2819 US 1994-2819 50316 WO 1994-US10	08 A 19940728
RW: AT, BE, CH,	A1 1996		50 A 19930909 58 A 19930909 81 A 19930909 41 A 19930909 04 A 19940728 06 A 19940728 07 A 19940728 08 A2 19940728
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JP 11500100		US 1993-1185 US 1993-1185 US 1993-189 US 1994-2819 US 1994-2819 US 1994-2819 US 1994-1910 WO 1994-US10	50 A 19930909 58 A 19930909 81 A 19930909 04 A 19940728 06 A 19940728 07 A 19940728 08 A 19940728 41 A 19940909
AT 191486	T 2000	00415 AT 1994-9291 US 1993-1185 US 1993-1185 US 1993-1189 US 1993-1193 US 1994-2819 US 1994-2819 US 1994-2819 US 1994-2819 WO 1994-US10	50 A 19930909 58 A 19930909 81 A 19930909 41 A 19930909 04 A 19940728 06 A 19940728 07 A 19940728 08 A 19940728
ES 2148347	T3 2000		

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

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168824-92-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate for preparation of peptide compds. as pseudo- and non-peptide bradykinin receptor antagonists)

RN 168824-92-8 CAPLUS

CN 5H-Pyrido[4,3-b]indole-5-acetic acid,

2-(ethoxycarbonyl)-1,2,3,4-tetrahydro-, methyl ester (CA INDEX NAME)

OSC.G THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS) RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

213814-90-5P IT 168824-92-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pseudo- and non-peptide bradykinin receptor antagonists)

RN 168824-92-8 CAPLUS

5H-Pyrido[4,3-b]indole-5-acetic acid, CN

2-(ethoxycarbonyl)-1,2,3,4-tetrahydro-, methyl ester (CA INDEX NAME)

RN 213814-90-5 CAPLUS

CN 5H-Pyrido[4,3-b]indole-5-acetic acid, 2-(ethoxycarbony1)-1,2,3,4-tetrahydro- (CA INDEX NAME)

L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

IT 168824-92-8P 168824-93-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate for preparation of peptide compds. as pseudo- and non-peptide bradykinin receptor antagonists)

RN 168824-92-8 CAPLUS

CN 5H-Pyrido[4,3-b]indole-5-acetic acid,

2-(ethoxycarbonyl)-1,2,3,4-tetrahydro-, methyl ester (CA INDEX NAME)

RN 168824-93-9 CAPLUS

CN 5H-Pyrido[4,3-b]indole-5-acetic acid,

2-[(1,1-dimethylethoxy)carbonyl]-1,2,3,4-tetrahydro- (CA INDEX NAME)